

50431



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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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| In re Application of                                   | : |                           |
| Nam-Yul YU et al.                                      | : | Group Art Unit: 2112      |
| Serial No.: 10/563,216                                 | : | Examiner: Shelly A. Chase |
| Filed: January 4, 2006                                 | : |                           |
| FOR: Method for Encoding Low-Density Parity Check Code | : |                           |

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. §§ 1.56 and 1.97-1.98, Applicants hereby transmits copies of the documents listed in the attached Form PTO-SB08, which may be deemed material to the examination of the above-identified application.

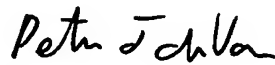
The listed documents were cited in a European Search Report dated March 30, 2007 in the European Application 04793492.2-2223 related to the above-identified U.S. Patent Application Serial No. 10/563,216. For the Examiner's convenience, a copy of the European Search Report is attached.

The listed documents are either in English or include an English abstract, and therefore, no statement of relevance is required. Also, since the present Information Disclosure Statement is being filed prior to issuance of a first Office Action on the merits, no certification under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(b) is required.

The Examiner is requested to consider the attached documents in connection with the above-identified application and to return a copy of Form PTO-SB08 to the Applicants with the Examiner's initials in the spaces provided

Submission of this Information Disclosure Statement does not constitute an admission by the Applicants as to the materiality of the attached documents to the application, nor do the Applicants waive any right to challenge the validity of the documents as prior art should such action be deemed appropriate.

Respectfully submitted,



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**Dated: June 29, 2007**

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

|                        |                 |
|------------------------|-----------------|
| Application Number     | 10/563,216      |
| Filing Date            | January 4, 2006 |
| First Named Inventor   | Nam-Yul YU      |
| Art Unit               | 2112            |
| Examiner Name          | Shelly A. Chase |
| Attorney Docket Number | 50431           |

Sheet 1 of 1



## U.S. PATENT DOCUMENTS

| Examiner<br>Initials | Cite<br>No. | Document Number             | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant<br>Passages or Relevant<br>Figures Appear |
|----------------------|-------------|-----------------------------|--------------------------------|--|--|
|                      |             | Number-Kind Code (if known) |                                |  |  |
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## FOREIGN PATENT DOCUMENTS

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## NON PATENT LITERATURE DOCUMENTS

| Examiner<br>Initials | Cite<br>No. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publishers, city and/or country where published   | T |
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|                      | 2.          | ECHARD, R. et al. "Deterministic $\pi$ -rotation Low Density Parity Check Codes" <i>Electronics Letters</i> , IEE Stevenage, GB, Vol. 38, No. 10, 9 May 2002, pages 464-465.  |   |
|                      | 3.          | ECHARD, Rich et al. "Irregular $\pi$ -rotation LDPC Codes" Globecom '02. 2002 - <i>IEEE Global Telecommunications Conference</i> . Conference Proceedings. Taipei, Taiwan, Nov.17-21, 2002, <i>IEEE Global Telecommunications Conference</i> , New York, NY, Vol. 1 of 3, 17 November 2002, pages 1274-1278.                            |   |
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|                      | 5.          | HALEY, David et al. "Iterative Encoding of Low-Density Parity-Check Codes" Globecom '02. 2002 - <i>IEEE Global Telecommunications Conference</i> . Conference Proceedings. Taipei, Taiwan, Nov.17-21, 2002, <i>IEEE Global Telecommunications Conference</i> , New York, NY, Vol. 1 of 3, 17 November 2002, pages 1289-1293.            |   |

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|-----------------------|--|--------------------|--|
| Examiner<br>Signature |  | Date<br>Considered |  |
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